

TFW

PTO/SB/21 (08-00)

Approved for use through 10/31/2002

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)		Application Number	10/729,443
		Filing Date	December 5, 2003
		First Named Inventor	Stephen Gordon
		Group Art Unit	2613
		Examiner Name	Unassigned
Total Number of Pages in This Submission	10	Attorney Docket Number	1772/15816US02

**ENCLOSURES (check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO 1449/08A with references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) (        sheets) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney by Assignee of Entire Interest, Revocation of Prior Powers And Change of Correspondence Address with Exhibit A attached thereto <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group ( <i>Appeal Notice, Brief, Reply Brief</i> ) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return-Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name	McAndrews Held & Malloy, Ltd.
Signature	Ronald Spuhler
Date	September 8, 2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 8, 2004

Name (Print/type)	Ronald H. Spuhler	Registration No. (Attorney/Agent)	52,245
Signature	Ronald Spuhler	Date	09/08/2004



Attorney Docket No.: 15816US02

Previous Docket No.: SDV-001A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In the Application of:

Stephen Gordon

John Iler

Tim Hellman

Serial No.:

10/729,443

Filed: 12/5/2003

For: Processing High Definition Video Data

Examiner: Unassigned

Group Art Unit: 2613

Conf. No.: 1072

**POWER OF ATTORNEY BY ASSIGNEE OF  
ENTIRE INTEREST, REVOCATION OF PRIOR POWERS  
AND CHANGE OF CORRESPONDENCE ADDRESS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sirs:

We enclose a Power of Attorney by Assignee of Entire Interest, Revocation of Prior Powers and Change of Correspondence Address, and an Assignee Statement Under 37 C.F.R. §3.73(b).

Please charge any required fees or credit any overpayments to the deposit account of McAndrews, Held & Malloy, Ltd. Account No. 13-0017.

Respectfully submitted,

Date: September 8, 2004

Ronald H. Spuhler  
Registration No. 52,245  
McANDREWS, HELD & MALLOY, LTD.  
500 West Madison Street  
Suite 3400  
Chicago, Illinois 60661  
(312) 775-8000

We, Broadcom Advanced Compression Group LLC ("Broadcom") are the assignee of record in all the patent applications, as evidenced by the documents attached hereto as Exhibit A, which evidence the transfer of these applications from Sand Video, Inc. to Broadcom. As assignee of record of the entire interest of the identified patent application, we hereby revoke all powers of attorney previously given in this patent application, and appoint the U.S. attorneys and/or agents at McAndrews, Held & Malloy, Ltd. (Chicago, IL),

**Customer No. 23,446,**

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

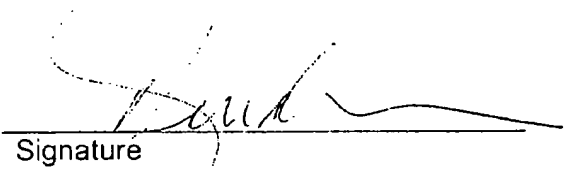
### **CHANGE OF CORRESPONDENCE ADDRESS**

Please send correspondence and direct telephone calls to the following:

Christopher C. Winslade  
McAndrews, Held & Malloy  
500 W. Madison Street  
Suite 3400  
Chicago, IL 60661  
(312) 775-8000

### **ASSIGNEE STATEMENT UNDER 37 C.F.R. § 3.73(b)**

We hereby state that we are the assignee of the entire right, title and interest in this patent application, as evidenced by the Assignment attached as Exhibit A.

  
\_\_\_\_\_  
Signature

**September 3, 2004**

\_\_\_\_\_  
Date

**Dee Henderson**

\_\_\_\_\_  
(type or print name of person  
authorized to sign on behalf of  
assignee)

**Intellectual Property Portfolio Manager**

\_\_\_\_\_  
Title

*NOTE: The assignee of the entire interest may revoke previous powers and be represented by an attorney of his or her selection. 37 C.F.R. §1.36.*

RECORDATION FORM COVER SHEET

PATENTS ONLY

SEP 13 2004

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Sand Video, Inc.

Execution Date(s) April 14, 2004

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☒ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Sahara Acquisition, LLC

Internal Address: \_\_\_\_\_

Street Address: 16215 Alton Parkway

City: Irvine

State: California

Country: United States Zip: 92618

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/730,405 10/726,814

10/729,443 10/729,275

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Ronald H. Spuhler

Internal Address: McAndrews, Held & Malloy

34<sup>th</sup> Floor

Street Address: 500 West Madison Street

City: Chicago

State: Illinois Zip: 60661

Phone Number : (312) 775-8000

Fax Number: (312) 775-8100

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 4

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 160.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 13-0017

Authorized User Name Ronald H. Spuhler

9. Signature :

Ronald H. Spuhler

Signature

Sept 8, 2004

Date

Ronald H. Spuhler

Total number of pages including cover sheet, attachments, and documents

4

Name of Person Signing

# Delaware

PAGE 1

*The First State*

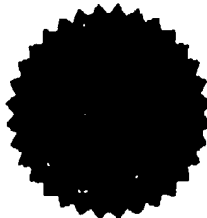
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SAND VIDEO, INC.", A DELAWARE CORPORATION,  
WITH AND INTO "SAHARA ACQUISITION, LLC" UNDER THE NAME OF  
"SAHARA ACQUISITION, LLC", A LIMITED LIABILITY COMPANY ORGANIZED  
AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS  
RECEIVED AND FILED IN THIS OFFICE THE FOURTEENTH DAY OF APRIL,  
A.D. 2004, AT 9:47 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE  
KENT COUNTY RECORDER OF DEEDS.

3786222 8100M

040275280



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State  
AUTHENTICATION: 3060474

DATE: 04-19-04

**CERTIFICATE OF MERGER  
OF  
SAND VIDEO, INC.  
WITH AND INTO  
SAHARA ACQUISITION, LLC**

---

Pursuant to Section 264 of the Delaware General Corporation Law  
and Section 18-209 of the Limited Liability Company Act of the State of Delaware

---

Sahara Acquisition, LLC, a limited liability company organized under the Limited Liability Company Act of the State of Delaware (the "*Act*"), does hereby certify to the following facts relating to the merger (the "*Merger*") of Sand Video, Inc. a Delaware corporation ("*Sand Video*"), with and into Sahara Acquisition, LLC, with Sahara Acquisition, LLC remaining as the surviving limited liability company in the Merger (the "*Surviving Company*"):

- FIRST:** Sahara Acquisition, LLC is a limited liability company organized pursuant to the Act. Sand Video is incorporated pursuant to the General Corporation Law of the State of Delaware.
- SECOND:** An Agreement of Merger, dated April 14, 2004 (the "*Merger Agreement*"), whereby Sand Video will be merged with and into Sahara Acquisition, LLC, has been approved, adopted, certified, executed and acknowledged by Sand Video and Sahara Acquisition LLC.
- THIRD:** The name of the Surviving Company in the Merger shall be Sahara Acquisition, LLC.
- FOURTH:** The Merger shall become effective on April 14, 2004.
- FIFTH:** The executed Merger Agreement is on file at the principal place of business of the Surviving Company, at 16215 Alton Parkway, Irvine, California 92618.
- SIXTH:** A copy of the executed Merger Agreement will be furnished by the Surviving Company, on request and without cost, to any member of Sahara Acquisition, LLC and any stockholder of Sand Video.

*State of Delaware*  
*Secretary of State*  
*Division of Corporations*  
*Delivered 09:47 PM 04/14/2004*  
*FILED 09:47 PM 04/14/2004*  
*SRV 040275280 - 3786222 FILE*

IN WITNESS WHEREOF, this Certificate of Merger has been duly executed as of the 14th day of April, 2004, and is being filed in accordance with Section 264 of the Delaware General Corporation Law and Section 18-209 of the Act by an authorized person of the Surviving Company.

**SAHARA ACQUISITION, LLC**

By: /s/ Daniel A. Marotta  
Daniel A. Marotta

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Sahara Acquisition, LLC

Execution Date(s) May 13, 2004

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☒ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Broadcom Advanced Compression Group, LLC

Internal Address: \_\_\_\_\_

Street Address: 200 Brickstone Square

Suite 401

City: Andover

State: Massachusetts

Country: United States

Zip: 01810

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/730,405

10/726,814

10/729,443

10/729,275

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Ronald H. Spuhler

Internal Address: McAndrews, Held & Malloy

34<sup>th</sup> Floor

Street Address: 500 West Madison Street

City: Chicago

State: Illinois

Zip: 60661

Phone Number : (312) 775-8000

Fax Number: (312) 775-8100

Email Address: \_\_\_\_\_

6. Total number of applications and patents involved: 4

7. Total fee (37 CFR 1.21(h) & 3.41)

\$ 160.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 13-0017

Authorized User Name Ronald H. Spuhler

9. Signature :

Ronald Spuhler

Signature

September 8, 2004

Date

Ronald H. Spuhler

Total number of pages including cover sheet, attachments, and documents

3

Name of Person Signing



# Delaware

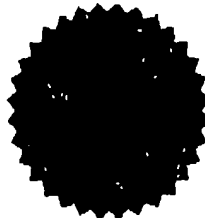
PAGE 1

*The First State*

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "SAHARA ACQUISITION, LLC", CHANGING ITS NAME FROM "SAHARA ACQUISITION, LLC" TO "BROADCOM ADVANCED COMPRESSION GROUP LLC", FILED IN THIS OFFICE ON THE THIRTEENTH DAY OF MAY, A.D. 2004, AT 5:28 O'CLOCK P.M.

3786222 8100

040353167

*Harriet Smith Windsor*

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3112655

DATE: 05-14-04

MAY. 14. 2004 3:36PM

LANIER2

NO. 4205 P. 3/3

MAY. 14. 2004 12:54PM

LANIER2

NO. 4173 P. 2

## BEST AVAILABLE COPY

### CERTIFICATE OF AMENDMENT OF THE CERTIFICATE OF FORMATION OF SAHARA ACQUISITION, LLC

The undersigned, an officer of Sahara Acquisition, LLC, for the purpose of amending the Certificate of Formation of Sahara Acquisition, LLC, a limited liability company organized under the provisions and subject to the requirements of the Delaware Limited Liability Company Act, hereby certifies that:

1. The original Certificate of Formation of Sahara Acquisition, LLC was filed with the Secretary of the State of Delaware on April 5, 2004.

2. Article 1 of the Certificate of Formation shall be amended and restated to read in full as follows:

"1. The name of the limited liability company is Broadcom Advanced Compression Group LLC."

Executed on: May 13, 2004

SAHARA ACQUISITION, LLC

By: /s/ David A. Dull

David A. Dull

Secretary

State of Delaware  
Secretary of State  
Division of Corporations  
Delivered 05:37 PM 05/13/2004  
FILED 05:28 PM 05/13/2004  
SRV 040353167 - 3786222 FILE

SV111956101450T011.DOC00334 0022



LAW OFFICES

McANDREWS, HELD & MALLOY, LTD.

34TH FLOOR

500 WEST MADISON STREET  
CHICAGO, ILLINOIS 60661

TELEPHONE: (312) 775-8000

FACSIMILE: (312) 775-8100

WWW.MHMLAW.COM

September 8, 2004

GEORGE H. ANDREWS  
JOHN J. REED  
TIMOTHY J. MALLOY  
WILLIAM M. WESLEY  
LAWRENCE M. JARVIS  
GREGORY J. VOGLER  
JEAN DUDEK KUEPFLER  
HERBERT D. HART III  
ROBERT W. FIESELER  
THOMAS J. WIMBISCUS  
STEVEN J. HAMPTON  
PRISCILLA F. GALLAGHER  
STEPHEN F. SHERRY  
PATRICK J. ARNOLD JR.  
GEORGE F. WHEELER  
JANET M. McNICHOLAS  
RONALD E. LARSON  
CHRISTOPHER C. WINSLADE  
EDWARD A. MAS II  
GREGORY C. SCHODDE  
EDWARD W. REMUS

DONALD J. POCHOPPIEN  
SHARON A. HWANG  
DAVID D. HEADRICK  
ALEJANDRO MENCHACA  
KIRK A. VANDER LEEST  
RICHARD T. MCCAULLEY JR.  
MELISSA M. MCCAULLEY  
PETER J. McANDREWS  
LELAND G. HANSEN  
JAMES M. HAFERTEPE  
JONATHAN R. SICK  
ELIGIO C. PIMENTEL  
JAMES P. MURPHY  
DEAN A. PELLETIER  
MICHAEL B. HARLIN  
JAMES R. NUTTALL  
ROBERT A. SURRETTE  
TIMOTHY L. HARNEY  
JOSEPH M. BARICH  
SCOTT P. McBRIDE  
PATRICIA J. McGRATH

TROY A. GROETKEN  
GERALD C. WILLIS  
JOHN A. WIBERG  
WILHELM L. RAO  
SANDRA A. FRANTZEN  
RONALD H. SPUHLER  
CHRISTOPHER V. CARANI  
RONALD A. DICERBO  
JENNIFER E. LACROIX  
JOSEPH F. HARDING  
JOSEPH M. BUTSCHER  
SARA J. BARTOS  
JOHN L. ABRAMIC  
MICHAEL J. FITZPATRICK  
DAVID Z. PETTY  
MICHAEL T. CRUZ\*  
MIRUT P. DALAL  
CHRISTOPHER N. GEORGE  
MATTHEW A. ANDERSON  
YUFENG MA  
DENNIS H. JASKOVIK

DEBORAH A. LAUGHTON  
WILLIAM B. GONT  
DENNIS P. HACKETT  
DAVID R. BETO  
HOPETON S. WALKER  
SHAWN L. PETERSON  
OGNYAN I. BEREMSKI  
PHILIP H. SHERIDAN  
CHRISTOPHER R. CARROLL  
CHRISTOPHER M. SCHARFF  
CONSUELO G. ERWIN  
PETER J. PROMMER  
MERLE S. ELLIOTT  
BRIAN C. BIANCO

OF COUNSEL  
S. JACK SAUER

\*ADMITTED TO PRACTICE IN CA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Power of Attorney By Assignee of Entire Interest,  
Revocation Of Prior Powers And Change of  
Correspondence Address  
Our Client No.: 1772/Broadcom

Dear Sir:

Enclosed for filing are eight (5) Powers of Attorney By Assignee of Entire Interest, Revocation Of Prior Powers And Change of Correspondence Address, one for each of the following applications:

Application Serial No.	Attorney Docket No.
10/726,814	15816US02
10/726,814	15815US02
10/729,275	15817US02
10/730,405	15818US02
60/525,317	15814US01

Very truly yours,

*Ronald Spuhler*  
Ronald H. Spuhler

Enclosures